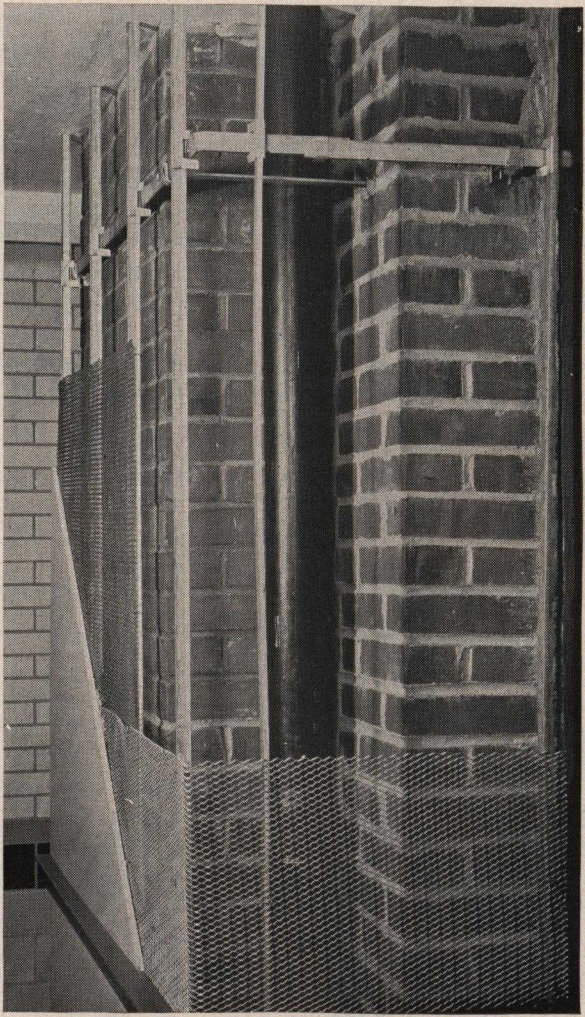
TRADE MARK
SIMP-L-ON
PRODUCTS
ERECTED FAST BUILT TO LAST

SIMP-L-ON



FURRING SYSTEM

•

SPEEDIER CONSTRUCTION

INSURES DRY PLASTER

MORE RIGID

PERFECTLY PLUMB

LOWER COST

OVERCOMES PRESENT FAULTS

NO CORROSION

•

SIMPLON PRODUCTS DIVISION

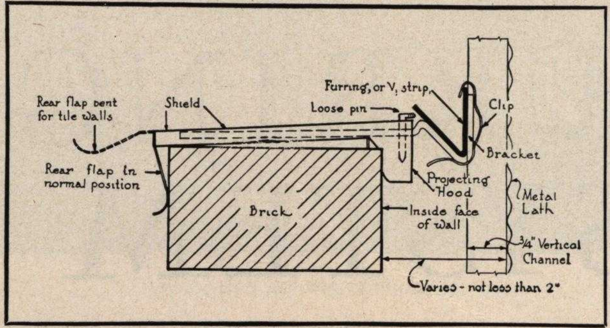
CONVER STEEL & WIRE COMPANY, INC.

621 East 132nd Street • • New York 54, N. Y.

SIMP-L-ON FURRING SYSTEMS *eliminate*

Simp-L-On is a system of steel wall furring for any type of new masonry wall construction—brick, block, rubble stone, or reinforced concrete. It was invented and developed by an architect as a result of unfortunate experiences with leaky masonry walls and dissatisfaction with other types of furring.

Simp-L-On consists of a metal shield set in the masonry with an adjustable bracket which is inserted in the shield, and a horizontal furring strip of such shape that it fits snugly into the bracket and is secured in place by a resilient clip.



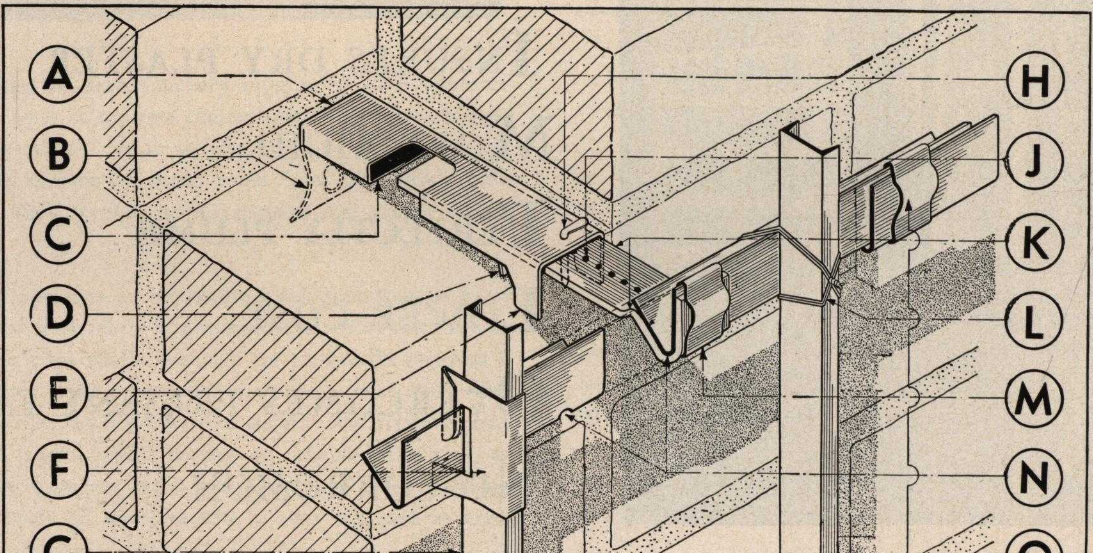
Section through inside common brick showing proper installation of Type "A" Shield. Type "B" Shield with front flap for nailing to form should be used for concrete walls.

The combination of shield, bracket, and V-strip provides a rigid, free-standing furring of non-corrosive materials that is adjustable to within 1/8" of vertical furring surface. It thus assures the objective of all furring: to provide an air space and eliminate direct contact between masonry and plaster, and is the best insurance against damp plaster surfaces yet devised.

Simp-L-On is a labor saving system, economical in cost. Competitive because Simp-L-On materials form only a small basic part of the complete furring and lathing. Costs less in place than masonry or ordinary metal furring and is only slightly higher than wood furring.

The following pages explain in detail the various parts which form the Simp-L-On System. Cooperation between the mason and furring contractors is not essential providing the specifications are followed but such cooperation will in many cases result in a substantial saving to both contractors.

Send for a demonstration set which will prove to your own satisfaction the simplicity and practicability of the Simp-L-On System of wall furring.



TYPE "A" SHIELD FOR BRICK MASONRY

A—22 gauge galvanized metal shield built into brickwork.
B—Spring flange, clamping shield to brick.
C—Shield entirely enclosed to prevent clogging by mortar.
D—Leg under front end of shield provides pitch and prevents water flowing toward plaster.
E—Projecting hood serves three purposes—provides alignment of shields in relation to face of masonry—prevents moisture on face of wall reaching Bracket "K" and prevents mortar droppings clogging opening.
K—Adjustable Bracket made in any length desired. Note crimp at front end of bracket to provide moisture stop.
J—Holes for adjustment—¼ in. on centers.
H—Removable pin for bracket adjustment.
N—Horizontal furring member with weep holes.
M—Metal Spring Clip securing horizontal member to Brackets.
G—Vertical Channels (spaced as desired) to which metal lath is secured.
F—Simp-L-On Channel Clip for securing channels to horizontal member.
L—Ordinary method (wiring) of securing vertical channels to horizontal member.
O—Method of overlapping strips and clipping together to form continuous horizontal member.

SPECIFICATIONS

Under Heading of Mason Work—This contractor shall furnish and install on inside face of all masonry walls to be furred and plastered, 22 gauge galvanized metal shields Type ("A" for brick, tile or stone masonry, "B" for concrete). Shields to be similar and equal to those manufactured by the Simplon Products Division of Conver Steel & Wire Company, Inc., 621 East 132nd Street, New York 54, N. Y. These shields shall be built in not over 4 feet on centers on continuous horizontal lines, and not over 5 feet on centers vertically, starting not over 1 foot above floor and approximately 1 foot below finished ceiling. There shall be at least two horizontal rows on all wall sections to be furred.

Under Heading of Furring—This contractor shall furnish and insert in each shield built in by Mason Contractor, 12 gauge galvanized brackets of sufficient length to provide the air space called for on plans. Standard brackets may be used for continuous furred spaces not exceeding 3 inches in depth. Provide brackets of heavier gauge for continuous furred spaces exceeding 3 inches in depth.

Furnish and erect horizontal V-strips of 18 gauge galvanized material to fit projecting end of bracket. Clip V-strips to bracket with resilient clips and clip overlapping ends with similar clips to form continuous strips. After securing horizontal strips in place, plumb same to within ⅛ inch of established plane of furring. Form interior and exterior angles by cutting rear leg of V strip and bending to desired angle. To these horizontal strips erect ¾ inch (or 1 inch) vertical furring channels spaced 16 inches on centers (exact spacing dependent on type of lath) fastened to V-strip by means of 22 gauge galvanized channel clips.

All of above to be similar and equal to Simp-L-On System as manufactured by Simplon Products Division of Conver Steel & Wire Company, Inc., 621 East 132nd Street, New York 54, N. Y.

THE MODIFIED SIMP-L-ON SYSTEM

The Modified Simp-L-On System is an adaption of the original and completely mechanical Simp-L-On System and was designed for use in place of non-fireproof furring where low cost of construction is important.

Modified Simp-L-On retains the adjustable and labor saving shield and bracket, but makes use of wiring in place of clips and substitutes ordinary painted channel for the horizontal V-strip. Modified Simp-L-On provides for a minimum furring space to metal lath of 1½ inches, and is adjustable by means of standard or longer brackets to any depth of furring required.

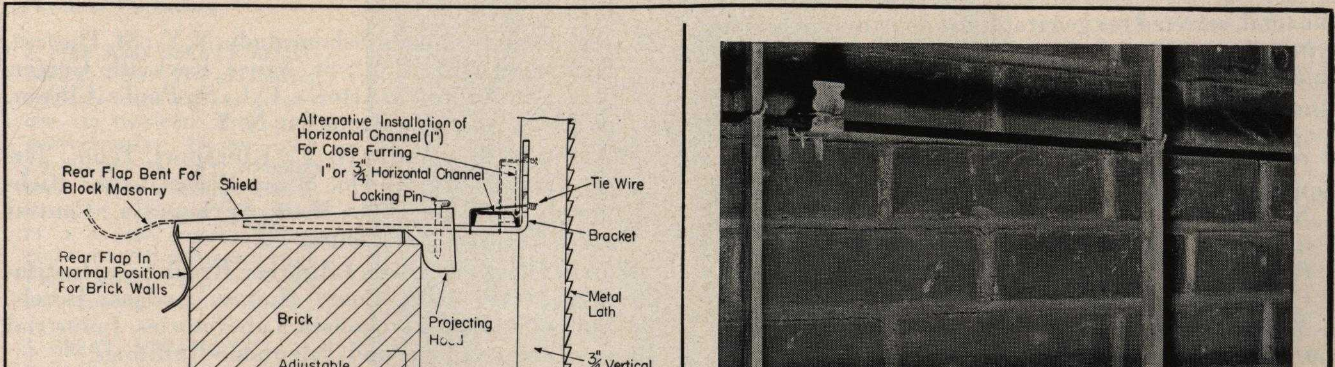
SPECIFICATIONS

Under Heading of Mason Work—Use same specifications for shields as shown above for Simp-L-On.

Under Heading of Furring—This contractor shall furnish and insert in each shield built in by Mason Contractor, 12 gauge galvanized brackets of sufficient length to provide the air space called for on plans. Standard brackets may be used for continuous furred spaces not exceeding 3 inches in depth. Provide brackets of heavier gauge for continuous furred spaces exceeding 3 inches in depth.

After insertion of brackets plumb same to within ⅛ inch of established plane of furring. Wire 1 inch (¾ inch) horizontal channels to brackets. To the horizontal channels wire ¾ inch vertical channels spaced 16 inches on centers.

Shields and brackets to be similar and equal to product of Simplon Products Division of Conver Steel & Wire Company, Inc., 621 East 132nd Street, New York 54, N. Y.


Alternative Installation of Horizontal Channel (1") For Close Furring
Rear Flap Bent For Block Masonry
Shield
1" or ¾" Horizontal Channel
Locking Pin
Tie Wire
Bracket
Rear Flap In Normal Position For Brick Walls
Metal Lath
Brick
Projecting Hood
¾" Vertical Channel
Adjustable
Minimum 1½"
Maximum As Required By Conditions

The Modified Simp-L-On System

Section

Installation

For a partial list of Simp-L-On installations see the next page

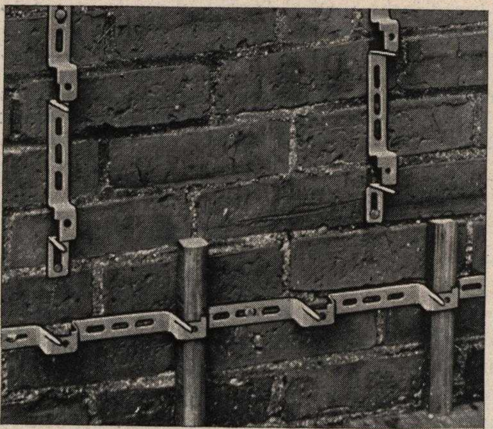
THE TAYLOR BRACKET STRIP

FIREPROOF • SHRINKPROOF • ECONOMICAL

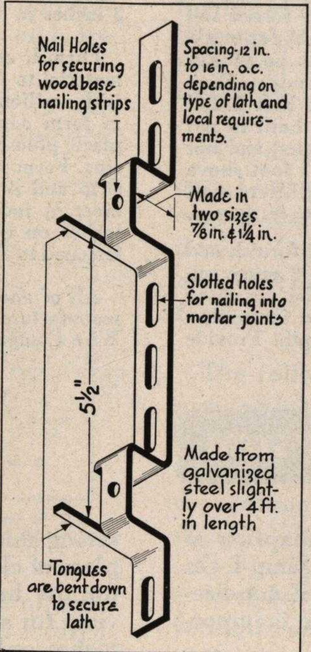
The Taylor Bracket Strip is a galvanized nail-on strip furnished in 4-ft. lengths in two sizes (7/8-in. and 1¼-in. furring). Paper-back or open mesh lath is applied directly to the Taylor Strip and attached by bending prongs extending out from the bracket portion of the strip every 5½ in. There is no waste with the Taylor Bracket Strip as it may be installed vertically or horizontally. Photographic plates and the drawing below illustrate the simplicity, economy and many advantages of the Taylor Bracket Strip. It is suitable for new and old walls, apartments, low cost housing and many other types of construction.

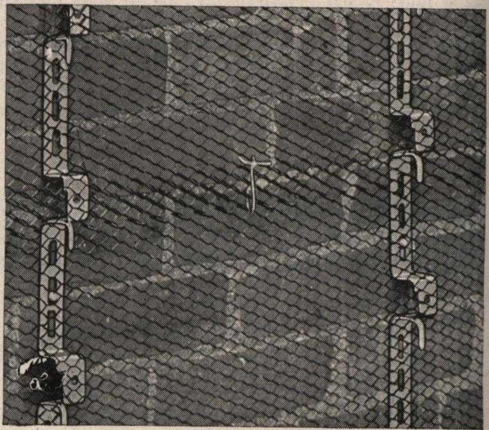
Specification

Exterior masonry walls to be furred with galvanized Taylor Bracket Strip spaced 12 in. o.c. Wherever distance to metal lath exceeds 1¼ in., furnish and install the Simp-L-On Furring System, all as manufactured by the Simplon Products Division of Conver Steel & Wire Company, Inc., 621 East 132nd Street, New York 54, N. Y.



Wood Nailing Strips for Base


Nail Holes for securing wood base & nailing strips
Spacing-12 in. to 16 in. o.c. depending on type of lath and local requirements.
Made in two sizes 7/8 in. & 1¼ in.
Slotted holes for nailing into mortar joints
5½"
Made from galvanized steel slightly over 4 ft. in length
Tongues are bent down to secure lath



Metal Lath Applied

SIMP-L-ON INSTALLATIONS

The Simp-L-On Wall Furring System has a record of repeated specification and use by architects, a great many of whom have continuously specified Simp-L-On for the past ten years with 100% satisfactory results. More and more architects are adopting Simp-L-On as a standard part of their specifications for new masonry or reinforced concrete construction. The following list of installations represents only a very small number of the total, selected for geographical distribution and for types of construction for which Simp-L-On is ideally suited.

Rockefeller Center, New York, N. Y.—International, Time-Life, Holland House, and Associated Press Buildings.

Schools—Wilmington, Del.; Montclair and Westfield, N. J.; Dobbs Ferry, East Park (Hyde Park), Poughkeepsie, Yonkers, and Bayshore, N. Y.; Norwalk, Greenwich, Hartford, Ridgefield, and Danbury, Conn.; Paris, Ky.; Reading and Pottstown, Pa.; Montpelier, Vt.

Colleges—Brooklyn College (entire group); Wooster College; Denison University; Stevens Institute of Technology; Medical College of Virginia; Baldwin-Wallace; Manhattan School of Music.

Federal Buildings—San Francisco; New York, N. Y.; Ketchikan, Alaska.

Post Offices—Sitka, Alaska; Lebanon, N. H.; Lodi, Calif.; Seattle, Wash.; Forest Hills, N. Y.; Vicksburg, Miss.; Whitinsville, Mass.; Wilmington, N. C.; College Station, Tex.; Marquette, Mich.; Fond du Lac, Wis.

Churches—St. Luke's, Schenectady, N. Y.; St. Theresa, Richmond Hill, N. Y.; St. Agnes, Rockville Center, N. Y.; St. Andrew's, Astoria, L. I.; St. Paul's, Clifton, N. J.; St. Agatha's, Brooklyn, N. Y.

Hospitals—New York, N. Y.; Kingsport, Tenn.; Jersey City, N. J.; Tupelo, Miss.; Provo, Utah; Richmond, Va.; Ada, Okla.; Warm Springs, Ga.; Central State Hospital, Petersburg, Va.

Banks, Theatres, Stores, Libraries, Residences, Institutions, City Halls, Court Houses, Lodges, Hotels, Police Stations, Firehouses, Laboratories, Industrial and Sewage Plants and Telephone Buildings.

Additional references will be gladly furnished on request.

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